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L Number	Hits	Search Text	t =	/	/	DB	Time stamp
1	243	HUTCHINSON.asn. and hydraulic same (iso vibration or antivibration or mount\$5)	lator or	solatic	on or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/28 12:39
2	36	HUTCHINSON.asn. and hydraulic same (iso vibration or antivibration or mount\$5) with dir	lator or i ection	solatio	on or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/28 12:40
-	42	compain.in.				USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/22 10:48

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359 link\$4 with sleeve with (rubber or elastomer\$) USPAT; USPGPUB; EPO; JPO; DERWENT USPAF; USPAF; USP
Section Sect
Bink\$4 with sleeve with (rubber or elastomer\$) same isolat\$4
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- 436 link\$4 with (rubber or elastomer\$) with joint USPAT; USPGPUB; EPO; JPO; DERWENT USPAT;
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link\$4 with (rubber or elastomer\$) with joint with longitudinal adj direction same perpendicular adj2 direction A
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78 ((antivibration or vibration or anti adj vibration) same x same y same z same (axis or axes)) and 248/\$.ccls. 70 ((rubber or elastomer\$) same x same y same z same (axis or axes)) and ((antivibration or vibration or anti adj vibration) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes)) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 70 (rubber or elastomer\$) same x same y same z same (axis or axes) 71 (rubber or elastomer\$) sa
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- 70 ((rubber or elastomer\$) same x same y same z same (axis or axes)) and ((antivibration or vibration or anti adj vibration) same x same y same z same (axis or axes)) - 2 fr adj2 "2794502" EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB;
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axes)) and ((antivibration or vibration or anti adj vibration) same x same y same z same (axis or axes)) The property of the
same y same z same (axis or axes)) EPO; JPO; DERWENT USPAT; US-PGPUB;
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EPO; JPO;
DERWENT
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EPO; JPO;
DERWENT USPAT: 2004/06/28 10:59
200 1100/20 10:00
US-PGPUB; EPO; JPO;
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77 1040/EGA) COLO
77 (248/564).CCLS USPAT; 2004/06/28 11:01
77 (248/564).CCLS. USPAT; 2004/06/28 11:01

				
-	0	(antivibration or vibration or anti adj vibration) near5 (link or	USPAT	2004/06/28 11:04
•		linkage or lever) with (bridge or branch\$4) near4 bifurcat\$4		
-	2	(antivibration or vibration or anti adj vibration) near5 (link or	USPAT	2004/06/28 11:04
		linkage or lever) with bifurcat\$4		
-	1	(antivibration or vibration or anti adj vibration) near5 (link or	USPAT	2004/06/28 11:04
		linkage or lever) with (bridge or branch\$4) near4 two		
-	1007	(antivibration or vibration or anti adj vibration) same x same y	USPAT	2004/06/28 11:07
		same z same (axis or axes)		
-	0	isolat\$4 near3 (link or linkage or lever) same x same y same z	USPAT	2004/06/28 11:08
		same (axis or axes)		200 1100,20 11100
-	32	isolat\$4 near3 (link or linkage or lever) with (sleeve or bush or	USPAT	2004/06/28 11:08
		bushing)		400 1100/20 11100
-	126	((antivibration or vibration or anti adj vibration) same x same y	USPAT	2004/06/28 11:47
		same z same (axis or axes)) and (74/\$.ccls. or 267/\$.ccls. or		
		244/\$.ccls. or 188/\$.ccls. or 248/\$.ccls. or 403/\$.ccls.)		
-	101	f16c007/\$.ipc.	USPAT	2004/06/28 11:37
-	31	(antivibration or vibration or anti adj vibration) same sheet adj	USPAT	2004/06/28 11:48
		metal adj plate		200 1100/20 11:10
-	110	isolating with parts! with (vibration or antivibration or anti adj	USPAT	2004/06/28 11:51
		vibration)		200 1/00/20 11:01
-	10	isolating with parts! with (vibration or antivibration or anti adj	USPAT	2004/06/28 11:53
		vibration) with (link or linkage or plate or bridge or connector or		
		connection)		
-	446	isolating with (vibration or antivibration or anti adj vibration) with	USPAT	2004/06/28 11:53
		(link or linkage or plate or bridge or connector or connection)		200 00. 20 11.00
-	4	(isolating with (vibration or antivibration or anti adj vibration) with	USPAT	2004/06/28 12:25
		(link or linkage or plate or bridge or connector or connection)) and		
		f16c\$.ipc.		

PLUS 6/28/04

Butler, Douglas

From:

PLUS

Sent:

Thursday, June 17, 2004 1:59 PM

To:

Butler, Douglas

Subject:

PLUS Results for 10683779

Here are the PLUS search results for 10683779.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10683779_QUAL.txt













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10683779_WDS.bd

PLUS Search Results for S/N 10683779, Searched June 17, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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Page 1

10683779_EAST

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10683779_EAST

10683779_CLS Most Frequently Occurring Classifications of Patents Returned From A Search of 10683779 on June 17, 2004

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Original Classifications
  6 600/595
    128/897
  3
    280/124.138
  3
  2
     16/335
 2
    43/18.5
    52/167.1
 2
 2 100/257
 2
    200/341
 2
    280/446.1
 2
    299/34.12
 2
    606/130
  2
    606/61
  2
    623/1.15
Cross-Reference Classifications
    74/42
 3 280/124.135
    29/469.5
     33/512
 2
     43/23
 2
     52/167.7
 2
     74/43
 2
    74/479.01
 2 257/E39.015
 2 267/158
 2 267/182
 2
    280/124.1
 2
    280/124.128
 2
    280/124.138
 2
    280/124.139
 2
    280/93.512
 2
    296/76
 2
    403/122
 2
    403/135
 2
    404/68
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    600/595
 2
    606/191
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    606/198
    984/DIG 1
Combined Classifications
 8 600/595
 5 280/124.138
 4
    74/42
 3
    128/897
    280/124.128
 3
 3
    280/124.135
 3
    403/135
 3
    606/130
 2
     14/73.1
 2
     16/335
 2
     16/370
 2
     29/469.5
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29/527.4

10683779_CLS

33/512 2 43/18.5 2 43/23 2 52/167.1 2 52/167.7 2 74/43 2 74/479.01 2 74/579R 2 100/257 2 200/341 2 244/17.27 257/E39.015 267/140.13 2 267/158 2 267/182 2 2 267/220 280/124.1 2 280/124.106 280/124.134 2 280/124.139 280/124.142 280/124.146 280/446.1 280/93.512 296/76 299/34.12 403/122 404/47 404/68 428/192 606/1 606/191 2 606/198 2 606/61 2 623/1.15

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10683779 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 10683779 on June 17, 2004

```
600/595
               (6 OR, 2 XR)
              600 : SURGERY
      Class
      600/300
                    DIAGNOSTIC TESTING
      600/587
                    .Measuring anatomical characteristic or force
                        applied to or exerted by body
      600/595
                    .. Body movement (e.g., head or hand tremor,
                       motility of limb, etc.)
280/124.138
              (3 OR, 2 XR)
     Class
             280 : LAND VEHICLES
     280/29
                    WHEELED
     280/80.1
                    .Running gear
     280/124.1
                   .. Suspension arrangement
      280/124.125
                    ...Wheel separately supported upon individual
                           stub axle (e.g., skein, spindle)
      280/124.134
                    ....Lateral control arm (i.e., suspension arm)
     280/124.135
                    .....Plural lateral control arms
      280/124.136
                    ..... Upper and lower arms having aligned
                        outboard ends
     280/124.138
                    ......Specific spatial location
               (0 OR, 4 XR)
     Class
              074 : MACHINE ELEMENT OR MECHANISM
     74/840
                    ROTARY DRIVEN DEVICE ADJUSTABLE DURING
                         OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
     74/25
                    .Rotary to or from reciprocating or oscillating
     74/42
                    ..Crank, pitman, and lever
128/897
               (3 OR, 0 XR)
             128 : SURGERY
     Class
     128/897
                   MISCELLANEOUS
280/124.128
             (1 OR, 2 XR)
     Class 280 : LAND VEHICLES
     280/29
                   WHEELED
     280/80.1
                   .Running gear
     280/124.1
                   .. Suspension arrangement
     280/124.125
                   ...Wheel separately supported upon individual
                        stub axle (e.g., skein, spindle)
     280/124.128
                    ....Longitudinally extending swinging support
                       arm (i.e., leading or trailing swing arm)
280/124.135
             (0 OR, 3 XR)
     Class
             280 : LAND VEHICLES
     280/29
                   WHEELED
     280/80.1
                   .Running gear
     280/124.1
                   ..Suspension arrangement
     280/124.125
                   ...Wheel separately supported upon individual
                         stub axle (e.g., skein, spindle)
     280/124.134
                    ....Lateral control arm (i.e., suspension arm)
                    .....Plural lateral control arms
     280/124.135
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10683779_CLSTITLES
   403/135
                  (1 OR, 2 XR)
         Class
                  403 : JOINTS AND CONNECTIONS
         403/52
                        ARTICULATED MEMBERS
         403/119
                        .Pivoted
         403/122
                        ..Universal ball and socket
                        ...Including liner, shim, or discrete seat
         403/135
   606/130
                  (2 OR, 1 XR)
606 : SURGERY
         Class
         606/1
                        INSTRUMENTS
         606/130
                        .Stereotaxic device
 2
     14/73.1
                  (1 OR, 1 XR)
         Class
                 014 : BRIDGES
         14/73
                       DECK
         14/73.1
                        .Joint
 2
     16/335
                  (2 OR, 0 XR)
                 016 : MISCELLANEOUS HARDWARE
         Class
         16/221
                       HINGE
         16/319
                       .Including means to hold or retard hinged
                            members against pivotal movement (e.g., catch)
         16/321
                       .. Resiliently biased catch
         16/335
                       ...Spring arm
2
    16/370
                  (1 OR, 1 XR)
         Class
                 016 : MISCELLANEOUS HARDWARE
         16/221
                       HINGE
         16/366
                       .Having plural hinge axes (e.g., multiple
                           pintle)
         16/370
                       .. Four or more axes
    29/469.5
                  (0 OR, 2 XR)
        Class
                 029 : METAL WORKING
        29/592
                       METHOD OF MECHANICAL MANUFACTURE
        29/428
                       .Assembling or joining
        29/469.5
                       .. Metal deforming with nonmetallic bonding
    29/527.4
                  (1 OR, 1 XR)
                029 : METAL WORKING
        Class
        29/592
                       METHOD OF MECHANICAL MANUFACTURE
        29/527.1
                       .Combined manufacture including applying or
                            shaping of fluent material
        29/527.2
                       ..Coating
        29/527.4
                       ... Subsequent to metal working
2
    33/512
                  (0 OR, 2 XR)
        Class
                033 : GEOMETRICAL INSTRUMENTS
        33/501
                      GAUGE
        33/511
                       .Anatomical
        33/512
                       ..Human
2
    43/18.5
                 (2 OR, 0 XR)
                043 : FISHING, TRAPPING, AND VERMIN DESTROYING
        Class
        43/4
                      FISHING
        43/18.1R
                      .Rod
        43/18.5
                      .. Fiber glass or graphite fishing rod
   43/23
                 (0 OR, 2 XR)
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10683779 CLSTITLES
         Class 043: FISHING, TRAPPING, AND VERMIN DESTROYING
         43/4
                    FISHING
         43/18.1R
                     .Rod
         43/23
                      ..Butts
    52/167.1 (2 OR, 0 XR)
Class 052 : STATIC STRUCTURES
        52/167.1
                     MEANS COMPENSATING EARTH-TRANSMITTED FORCE
                         (E.G., EARTHQUAKE)
                (0 OR, 2 XR)
    52/167.7
                052 : STATIC STRUCTURES
        Class
        52/167.1
                     MEANS COMPENSATING EARTH-TRANSMITTED FORCE
                           (E.G., EARTHQUAKE)
        52/167.4
                      .Relative motion means between a structure and
                          its foundation
        52/167.7
                      .. Elastomeric support
    74/43
                 (0 OR, 2 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/840
                      ROTARY DRIVEN DEVICE ADJUSTABLE DURING
                            OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
        74/25
                      .Rotary to or from reciprocating or oscillating
        74/42
                      .. Crank, pitman, and lever
        74/43
                      ...Multiple levers
    74/479.01
                 (0 OR, 2 XR)
        Class 074: MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/479.01
                     .Multiple controlling elements for single
                         controlled element
    74/579R
                (1 OR, 1 XR)
        Class 074: MACHINE ELEMENT OR MECHANISM
        74/469
                     CONTROL LEVER AND LINKAGE SYSTEMS
        74/579R
                     .Pitmans and connecting rods
 100/257
                (2 OR, 0 XR)
        Class
               100 : PRESSES
        100/214
                    RECIPROCATING PRESS CONSTRUCTION
        100/257
                     .Range of movement adjustment
2 200/341
               (2 OR, 0 XR)
       Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
        200/237
                    ELECTRIC SWITCH DETAILS
       200/329
                     .Actuators
       200/341
                     .. Push button
2 244/17.27
               (1 OR, 1 XR)
       Class 244 : AERONAUTICS
       244/4R
                     AIRCRAFT, HEAVIER-THAN-AIR
       244/17.11
                     .Helicopter or auto-rotating wing sustained,
                         i.e., gyroplanes
       244/17.27
                     ..Lifting rotor supports, e.g., pylons
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2

2 257/E39.015

Class

(0 OR, 2 XR)

257/E39.001 DEVICES USING SUPERCONDUCTIVITY, PROCESSES, OR Page 3

257 : ACTIVE SOLID-STATE DEVICES

10683779_CLSTITLES APPARATUS PECULIAR TO MANUFACTURE OR TREATMENT OF SUCH DEVICES, OR OF PARTS THEREOF (EPO) 257/E39.012 .Devices comprising junction of dissimilar materials, e.g., Josephson-effect devices (EPO) 257/E39.014 ..Josephson-effect devices (EPO) 257/E39.015 ...Comprising high Tc ceramic materials (EPO) (1 OR, 1 XR) 267/140.13 Class 267 : SPRING DEVICES 267/136 RESILIENT SHOCK OR VIBRATION ABSORBER 267/140.11 .Including energy absorbing means or feature (e.g., supplemental vehicle equipment, such as motor mou nt, seat, etc., including additional fluid or friction energ У absorber) 267/140.13 ..Axial 267/158 (0 OR, 2 XR) Class 267 : SPRING DEVICES 267/158 BENDABLE ALONG FLAT SURFACE (E.G., LEAF SPRING) 267/182 (0 OR, 2 XR) 267 : SPRING DEVICES Class 267/182 MISCELLANEOUS 267/220 (1 OR, 1 XR) Class 267 : SPRING DEVICES 267/2 VEHICLE 267/195 .Mechanical spring and nonresilient retarder (e.g., shock absorber) 267/217 ..Fluid retarder 267/219 ...Elastomeric spring 267/220Mounted at end of retarder 2 280/124.1 (0 OR, 2 XR) Class 280 : LAND VEHICLES 280/29 WHEELED 280/80.1 .Running gear 280/124.1 .. Suspension arrangement 2 280/124.106 (1 OR, 1 XR) 280 : LAND VEHICLES Class 280/29 WHEELED 280/80.1 .Running gear 280/124.1 ..Suspension arrangement 280/124.106 ...Antiroll or antisway 2 280/124.134 (1 OR, 1 XR) 280 : LAND VEHICLES Class 280/29 WHEELED 280/80.1 .Running gear 280/124.1 ..Suspension arrangement

...Wheel separately supported upon individual stub axle (e.g., skein, spindle)

....Lateral control arm (i.e., suspension arm)

280/124.125

280/124.134

10683779_CLSTITLES

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280/124.139 (0 OR, 2 XR)
        Class
                280 : LAND VEHICLES
        280/29
                      WHEELED
        280/80.1
                     .Running gear
        280/124.1
                      ... Suspension arrangement
        280/124.125
                      ...Wheel separately supported upon individual
                             stub axle (e.g., skein, spindle)
        280/124.134
                      ....Lateral control arm (i.e., suspension arm)
        280/124.135
                      .....Plural lateral control arms
        280/124.136
                      ..... Upper and lower arms having aligned
                          outboard ends
        280/124.139
                      ......Unequal length
  280/124.142
                (1 OR, 1 XR)
                280 : LAND VEHICLES
        Class
        280/29
                    WHEELED
        280/80.1
                    .Running gear
        280/124.1
                     ..Suspension arrangement
        280/124.125
                     ...Wheel separately supported upon individual
                             stub axle (e.g., skein, spindle)
                      ....Lateral control arm (i.e., suspension arm)
        280/124.134
                      .....Plural lateral control arms
        280/124.135
        280/124.136
                      ......Upper and lower arms having aligned
                          outboard ends
        280/124.142
                      ......Coil spring disposed above upper arm
  280/124.146
                (1 OR, 1 XR)
                280 : LAND VEHICLES
        Class
        280/29
                     WHEELED
        280/80.1
                    .Running gear
        280/124.1
                     ..Suspension arrangement
        280/124.125
                     ...Wheel separately supported upon individual
                            stub axle (e.g., skein, spindle)
        280/124.134
                      ....Lateral control arm (i.e., suspension arm)
        280/124.145
                      .....Including vertically extending strut
        280/124.146
                      .....Turnable telescopic strut (i.e.,
                         MacPherson strut type)
 280/446.1
                (2 OR, 0 XR)
        Class
               280 : LAND VEHICLES
        280/29
                     WHEELED
        280/400
                     .Articulated vehicle
        280/446.1
                     .. Condition responsive connections
 280/93.512
                (0 OR, 2 XR)
        Class
               280 : LAND VEHICLES
        280/29
                     WHEELED
        280/80.1
                     .Running gear
        280/771
                     ..Occupant steered
        280/93.502
                     ...Linkage
        280/93.512
                     ....Kingpin, steering knuckle, steering arm, or
                        wheel carrier construction
2 296/76
                (0 OR, 2 XR)
       Class
               296 : LAND VEHICLES: BODIES AND TOPS
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10683779_CLSTITLES 296/1.01 BODIES 296/76 .Trunk lids 2 299/34.12 (2 OR, 0 XR) Class 299 : MINING OR IN SITU DISINTEGRATION OF HARD MATERIAL 299/29 HARD MATERIAL DISINTEGRATING MACHINES 299/34.01 .Cutter attached to endless chain or cable (e.g., planer type) 299/34.12 .. Pivoting cutter body (0 OR, 2 XR) 403/122 Class 403 : JOINTS AND CONNECTIONS 403/52 ARTICULATED MEMBERS 403/119 .Pivoted 403/122 ..Universal ball and socket 2 404/47 (1 OR, 1 XR) Class 404 : ROAD STRUCTURE, PROCESS, OR APPARATUS 404/17 PAVEMENT 404/47 .Including joint means 404/68 (0 OR, 2 XR) 404 : ROAD STRUCTURE, PROCESS, OR APPARATUS Class 404/17 PAVEMENT 404/47 .Including joint means ..Strip or filler plus supporting bracket 404/68 2 428/192 (1 OR, 1 XR) 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES Class 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.) 428/192 .Edge feature 606/1 (1 OR, 1 XR) Class 606 : SURGERY 606/1 INSTRUMENTS 606/191 (0 OR, 2 XR) Class 606 : SURGERY 606/1 INSTRUMENTS 606/191 .Internal pressure applicator (e.g., dilator) 606/198 (0 OR, 2 XR) Class 606 : SURGERY 606/1 INSTRUMENTS 606/191 .Internal pressure applicator (e.g., dilator) 606/198 .. Expanding dilator (e.g., expanding arm, etc.)

Page 6

... Spinal positioner or stabilizer

Orthopedic instrumentation..Internal fixation means

2 606/61

Class 606/1

606/53

606/60 606/61 (2 OR, 0 XR) 606 : SURGERY

INSTRUMENTS

10683779_CLSTITLES

2 623/1.15 (2 OR, 0 XR) Class 623 : PROSTHESIS

623/1.1 ARTERIAL PROSTHESIS (I.E., BLOOD VESSEL) 623/1.15 .Stent structure

2 984/DIG 1 (0 OR, 2 XR) Class 984 : MUSICAL INSTRUMENTS

984/DIG 1 PAPER COPIES IN NUMERICAL ORDER OF ALL U.S.

PATENTS IN SUBCLASSES 1-398